

Date: Tuesday, 03/02/2009 2:34:45 PM
User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services
Job Number : 45467 *2*
Estimate Number : 13773
P.O. Number :
This Issue : 03/02/2009 S.O. No. :
Prsht Rev. : NC
First Issue : / / Type : LARGE FAB ASSY
Previous Run :
Written By :
Checked & Approved By : *JUD 09 02 03*
Comment : Est Rev:A 09-02-03 new issue DD verified by:JLM

Drawing Name : WEARPLATE KIT
Part Number : D206559033
Drawing Number : DSI 9431 REV.A *SPLIT 50*
Project Number : N/A
Drawing Revision : A
Material :
Due Date : 23/02/2009 Qty: *2* Um: Each

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Photocopy bluefile and type labels per PPP D206-559-033 and DSI9431 CHG 001 *7*

2.0 D3859041 Wearplate



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Wearplate

batch: *B545473*

9/5/1

50

3.0 AN415A Bolt



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Bolt

batch: *1091148*

SS 09/02/06 (x)

4.0 AN417A Bolt



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Bolt

batch: *M109061*

SS 09/02/06 (x)

5.0 NAS1149D0463J *AW96050416* Washer



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Washer

batch: *M16523*

SS 09/02/06 (x)

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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE KIT

Job Number: 45467

Part Number: D206559033

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

MS21042L4

Nut



Comment: Qty.: 12.0000 Each(s)/Unit Total : 48.0000 Each(s)

Nut

batch:

M109282

SS 09/02/06 CU

7.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

DS-5-1 (2)

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D206-559-033 and DSI9431

Location:

PPP Rev:

Rev A

SS 09/05/06 (X2)

9.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/05/04 JA

Job Completion



mf
09-05-01

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-559 REV. H OR EARLIER
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-559 REV. 1 OR EARLIER

REF. TCCA STC: SH92-17
REF. FAA STC: SH1031NE
REF. LBA STC: 0796/3034
REF. JCAB STC: STC-90-TYO

The D206-559-033 Wearplate kit can be installed on D206-559-013/-023 Bearpaw installations.
The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in
Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the
skidtube per installation instructions D206-559 Rev H or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the
bearpaws per Figure 1 on Sheet 2 of this service instruction.

WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D206-559-033 Wearplate Kit Configuration 4 -013/-023 L High	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	157 in 3.99 m	471.0 in-lb 5.43 m-kg
D206-559-033 Wearplate Kit Configuration 5 -013/-023 L/407 Low	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	149 in 3.78 m	447.0 in-lb 5.14 m-kg
D206-559-033 Wearplate Kit Configuration 5 -013/-023 L/407 High	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	148 in 3.76 m	444.0 in-lb 5.11 m-kg

PARTS LIST

QTY. -033	PART NUMBER	DESCRIPTION
X	D206-559-033	Wearplate Kit
2	D3859-041	Wearplate
12	AN4-15A	Bolt
12	AN4-17A	Bolt
12	NAS1149D0463J	Washer
12	MS21042L4	Nut or (MS21042-4)

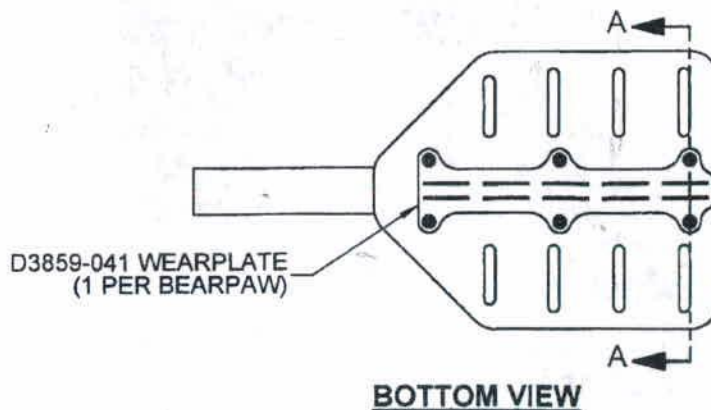
SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 45461

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

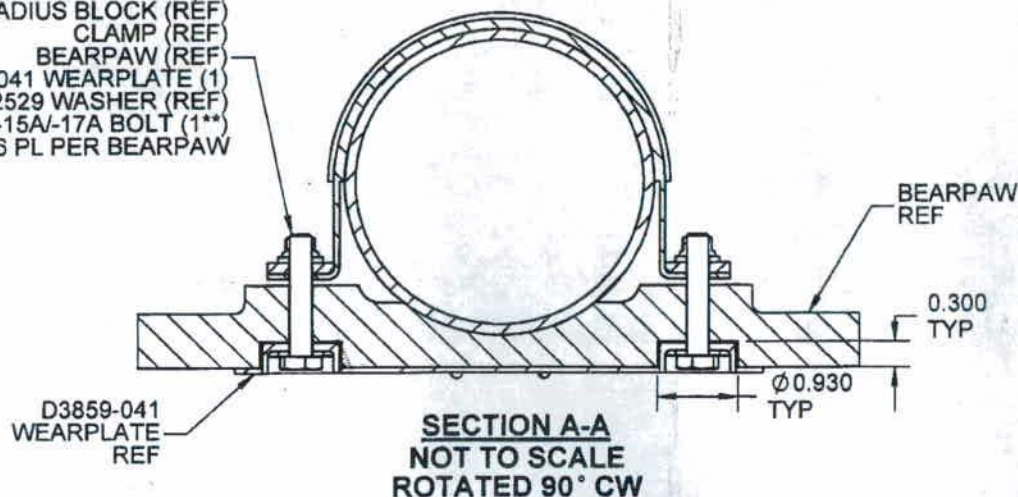
APPROVED
BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 09.01.15
CERT. NO.: SH92-17
ISSUE NO.: 7

A	NEW ISSUE	BY: <u>[Signature]</u>	09.01.15
REV.	DESCRIPTION	BY	DATE
DESIGN	<u>[Signature]</u>	DART AEROSPACE LTD	
DRAWN	<u>[Signature]</u>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<u>[Signature]</u>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9431	SHEET 1 OF 2
APPROVED	<u>[Signature]</u>	TITLE	SCALE
DE APPR.	<u>[Signature]</u>	WEARPLATE KIT	NTS
DATE	09.01.15	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



MS21042L4 NUT (1)
 NAS1149D0463J WASHER (1*)
 D2274 RADIUS BLOCK (REF)
 CLAMP (REF)
 BEARPAW (REF)
 D3859-041 WEARPLATE (1)
 D2529 WASHER (REF)
 AN4-15A/-17A BOLT (1**)
 6 PL PER BEARPAW



* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A/-17A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

** USE AN4-15A BOLTS WITH (1) NAS1149D0463J WASHER IF INSTALLING BEARPAW ON Ø3.0 OR SMALLER SKIDTUBE. USE AN4-17A BOLTS WITH (2) NAS1149D0463J WASHERS IF INSTALLING BEARPAW ON TUBE LARGER THAN Ø3.0 (DART TUBE).

FIGURE 1: D206-559-033 WEARPLATE KIT

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 NO. 45467

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED
 BY: [Signature]
 D. SHEPHERD (DE # 02)

DATE: 09.01.15
 CERT. NO.: SH92-17
 ISSUE NO.: 7

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9431	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE KIT	NTS
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